REMARKS

The foregoing Amendment after Final and the following remarks are

submitted in response to the Final Office Action issued on June 1, 2005 in connection with

the above-identified patent application, and are being filed within the three-month shortened

statutory period set for a response by the Office Action.

Claims 1, 2, 9, 10, 14, 15, 19, 20, 24, 25, 29, and 30 are pending in the present

application. Claims 6-8 have been canceled. Independent claim 1 has been amended to

include the subject matter of now-canceled claims 6 and 8, and all other independent claims

have been similarly amended. Applicants respectfully request entry of the Amendment after

Final inasmuch as the Amendment is believed to place the application in condition for

allowance and should not require any further searching on the part of the Examiner.

Applicants submit that no new matter has been added to the application by the Amendment.

Applicants again request reconsideration and withdrawal of the rejection of the

claims consistent with the following remarks.

The Examiner has rejected the claims under 35 USC § 103(a) as being obvious

over Yoshiura (U.S. Patent No. 6,157,720) in view of Watney (U.S. Patent No. 5,930,398).

Applicants respectfully traverse the § 103(a) rejection.

Independent claim 1 recites a computer system for receiving encrypted

compressed content and for producing decrypted decompressed content based on the received

encrypted compressed content. In the recited system as amended, a decryption element

develops a content key and decrypts the content based at least in part on the developed

content key, and a decompression element included within the decryption element

decompresses the content based at least in part on the content key. Notably, the decryption

element supplies the content key to the included decompression element.. Thus, and as was

previously pointed out, the content key is employed to decrypt the content and also to

decompress the content. In particular, the decompression element has a number of adjustable

parameters and employs the content key as at least one of the adjustable parameters. More

particularly, the decompression element includes a quantizer for performing a lossy

quantization step, and the quantizer is de-dithered according to the content key.

Independent claim 9 recites subject matter similar to that of claim 1, albeit in

the form of a computer system for encrypting and compressing. Independent claim 14 recites

subject matter similar to that of claim 1, albeit in the form of a method for decrypting and

decompressing. Independent claim 19 recites subject matter similar to that of claim 1, albeit

in the form of a method for encrypting and compressing. Independent claim 24 recites

subject matter similar to that of claim 1, albeit in the form of a computer readable medium

with instructions thereon for decrypting and decompressing. Finally, independent claim 29

recites subject matter similar to that of claim 1, albeit in the form of a computer readable

medium with instructions for encrypting and compressing.

Thus, and as was previously pointed out, the invention as recited in the

independent claims of the present application employs a content key both to encrypt / decrypt

content and to compress / decompress the content, and in particular compresses /

decompresses the content by way of a quantizer performing a lossy quantization. As a result,

without the content key, neither such encryption / decryption nor such compression /

decompression may be performed. In addition, the recited invention requires that the

compression / decompression element be included within the encryption / decryption

element, and that the encryption / decryption element supply the content key to the included

compression / decompression element.

Thus, the present invention essentially requires that encryption / decryption

and compression / decompression be performed in a unitary manner such that both are based

at least in part on the content key. Accordingly, compressed content is essentially gibberish

to a content thief unless such content thief has the content key (KD) to be employed during

decompression of such compressed content.

As was previously noted, the Yoshiura reference discloses a system that both

encrypts / decrypts content and compresses / decompresses the content based on a work key

116 (Fig. 1). However, and as the Examiner concedes, the Yoshiura compression /

decompression is not based on a quantizer performing a lossy quantization, as is required by

the claims of the present application. Nevertheless, the Examiner continues by pointing to

the Watney reference as disclosing such a quantizer, and then concludes based on the

combination of the Yoshiura and Watney references that the claims of the present application

are obvious.

However, Applicants respectfully point out that the Yoshiura reference does

not teach that the compression / decompression element thereof be included within the

encryption / decryption element, and that the encryption / decryption element develop and

supply the content key to the included compression / decompression element, all as is recited

in the claims of the present application. As may be appreciated, by having separate

compression / decompression and encryption / decryption elements, the Yoshiura system

must instead somehow develop the work key thereof externally and then transmit such work

key to both elements. In contrast, in the context of the present invention, the content key is

developed within the encryption / decryption element and is supplied therefrom to the

compression / decompression element located therein. Thus, such content key is not likewise

external and thus is not available to a potential content thief.

In addition, Applicants respectfully point out that although the Watney

reference discloses compressing / decompressing content based on a quantizer performing a

lossy quantization, placing such a quantizer in the Yoshiura system would still not provide

same with a quantizer that is de-dithered according to the content key. In particular, if as the

Examiner concedes, the Yoshiura compression / decompression is not based on a quantizer

performing a lossy quantization, such Yoshiura system cannot likewise be said to disclose

any such quantizer that is de-dithered according to the content key. Thus, such a de-dithered

quantizer must be shown elsewhere. However, and as the Examiner has taken pains to point

out, the Watney reference is cited to show the quantizer only and not the de-dithering. Thus,

the inclusion of the Watney quantizer in the Yoshiura system still does not supply such

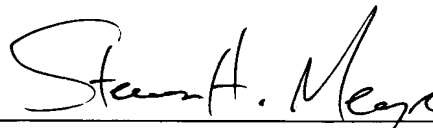Yoshiura system with such quantizer that is de-dithered according to the content key.

Thus, Applicants respectfully submit that the Yoshiura and Watney references

cannot be combined to make obvious the subject matter recited in the claims. Accordingly,

Applicants respectfully request reconsideration and withdrawal of the section 103(a)

rejection.

In view of the foregoing, Applicants respectfully submit that the present

application is in condition for allowance, and such action is respectfully requested.

Respectfully submitted,

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